

# 5-Hydroxyindole-3-acetic acid, tert-butyldimethylsilyl ester

**Other names:** 5-Hydroxyindoleacetic acid, tbdms derivative

**Inchi:** InChI=1S/C16H23NO3Si/c1-16(2,3)21(4,5)20-15(19)8-11-10-17-14-7-6-12(18)9-13(11)14

**InchiKey:** QSIHHEUPBPLBSE-UHFFFAOYSA-N

**Formula:** C16H23NO3Si

**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)Cc1c[nH]c2ccc(O)cc12

**Mol. weight [g/mol]:** 305.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.27		Crippen Method
logp	3.482		Crippen Method
rinsol	2470.60		NIST Webbook
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## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U333518&Units=SI>

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinsol:** Non-polar retention indices

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